SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

Command, Control, Communications, and Computers

LtCol Rod Lewis

Division Chief

Transport Systems

Transport

- SCAMPI (Not and Acronym)
- Tactical LAN (TACLAN)
- Radio Integration System (RIS)
- SOF Deployable Node (SDN)
- Product Distribution System (PDS)

SCAMPI

TACLAN

RIS

SDN

PDS

SCAMPI

- Special Operations Forces (SOF) world-wide Command, Control, Communications, Computers and Intelligence (C4I) satellite and terrestrial telecommunications architecture that enables garrison and deployed forces to plug into the SOF Information Environment (SIE). SCAMPI provides real-time voice, data, and video teleconferencing capabilities for all SOF.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
• Operational System in Sustainment with Evolutionary Technology Insertions	• Variable – Capital Equipment Replacement Program (CERP) establishes the SCAMPI technology refresh	• Post Milestone C, Technology Insertions through CERP Process; Sustainment

POINT OF CONTACT	FUNDING	CURRENT CONTRACT/OEM
• Mr. Philip Thompson (813) 826-7012	• FY13: PROC $16.1M O&M $5.7M • FY14: PROC $15.1M O&M $6.5M	• Various

SCAMPI Technology Interest Areas

- Multi Protocol Label Switching (MPLS) Virtual Private Network (VPN)
  - Layer 2 VPN
- IPv4 – IPv6 Coexistence
  - Dual Stack
- Assured IP (Quality of Service)
- Unified Communications (Voice, Video, Data)
- Assured Services – Session Initiation Protocol (AS-SIP)
- Network Security
  - End to End Security
- Network Management
  - Monitoring, Measuring, Reporting

Tactical Local Area Network (TACLAN)

- TACLAN Family of Systems (FoS) consists of TACLAN Suites, Mission Planning Kits (MPK), Field Computing Devices (FCD), C-LAN, Radio over IP (RoIP), and Full Motion Video (FMV) Kits. TACLAN provides automation infrastructure and common user applications to interconnect deployed Special Operation Forces (SOF) onto the SOF Information Environment (SIE).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
• Operational System in Sustainment with Evolutionary Technology Insertions	• Variable – Capital Equipment Replacement Program (CERP) establishes the TACLAN technology refresh	• Post Milestone C, Technology Insertions through CERP Process; Sustainment; Research, Development, Test and Evaluation (RDT&E)

POINT OF CONTACT	FUNDING	CURRENT CONTRACT/OEM
• Ms. Michele Mayo (813) 826-8080	• FY13: RDT&E: $.821M PROC $18.1M O&M $31.8M • FY14: RDT&E: $.834 PROC $22.2M O&M $41.4M	• SITEC Production Tower – iGov Technologies – IDIQ 3 year plus 2 option years – awarded 1 Feb 2013

TACLAN Technology Interest Areas

- Interoperability with USSOCOM SOFNET
- Wireless capabilities
- Unified Voice communications (Enterprise RoIP/VOIP)
- Network/Service acceleration and monitoring
- Information Assurance tools and controls
- Enterprise Data archive and backup
- Application Servers
- Cloud Based Solutions
- Scalable sizing for mission (single user to large deployment)
- Reduction of size and weight

Radio Integration System (RIS)

- The Radio Integration Systems (RIS) Is A Full Scale Deployable And Scalable Transit Case System That Currently Supports Deployed Combatant Commanders. RIS Provides The Critical Command, Control, And Communications (C3) Linkage Between Deployed SOF Bases And LNO Teams To SOF, SOF Headquarters, And SOF Support Elements. It Interfaces, Enhances, And Combines Multiple Single Channel Radios Into One Integrated C3 Suite. It Gives SOF Commanders On The Go Essential Communications Connectivity.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
• Operational System In Sustainment With Continued Production To Meet Full Operational Capability	• Varies Based On Variant	• Post Milestone C, Production, Sustainment, And Capital Equipment Replacement

POINT OF CONTACT	FUNDING	CURRENT CONTRACT/OEM
• Ms Kathleen Klaeser, 813-826-7291	• Procurement – Varies Per Year • O&M – Approximately $7M Per Year	• NAVAIR Prime Integrator

RIS Potential Technology Interest Areas

- Tie Into Mobile Technology & Current Warfighter Applications
  - Full Remote Keypad/Display Unit (KDU) Programming From Mobile Devices
  - Use Of Tablets Or Mobile Devices To Interface With RIS System

- Video / Media Server (Maps, Pictures, UAV Feed, GPS Data)

- Bridging The Divide (Civil & Military Assets / Data Bridging)

- Coalition Interoperability / Classification Tagging

- Next Generation Wireless

- Mobile User Objective System (MUOS) Applications

SOF Deployable Nodes (SDN)

- Family Of Deployable, Scalable Super High Frequency, Multi-band SATCOM Systems Providing Transport For High-capacity, Voice, Data, VTC, And Video At All Classification Levels. Includes Variants To Support Wideband SATCOM-On-The-Move And Intelligence Mission Requirements, Full-Motion Video Access, Integration With Mobile Computing And Other Operational Needs.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
• Operational System in Sustainment with Evolutionary Technology Insertions	• Variable, dependent on variant	• Post Milestone C, Sustainment & Capital Equipment Replacement

POINT OF CONTACT	FUNDING	CURRENT CONTRACT/OEM
• Mr. Eric Barnes (813) 826-7281	• FY13: PROC $118.60M O&M $48.52M • FY14: PROC $101.93M O&M $56.60M	• Multiple

SDN Technology Interest Areas

- Wideband SATCOM-On-The-Move Systems
  - Ground Mobile
  - Airborne
  - Maritime
- Deployable/ Mobile Computing Infrastructure Integration Into SDN Systems
  - 3G/4G/LTE
  - WiFi/WiMax
- Next Generation Crypto Products
  - Embedded
  - Multi-Level

Product Distribution System

- The Product Distribution System (PDS) provides the satellite communications (SATCOM) transport path for the worldwide Military Information Support Operations (MISO) architecture. PDS consists of four different variants; the PDS-Fixed (PDS-F), the PDS-Heavy Internet Protocol Presence (HIP2), the PDS-Medium (PDS-M), and the PDS-Lite (PDS-L).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
• Operational System in Sustainment with Evolutionary Technology Insertions	• Varied	• Post Milestone C, Sustainment & Capital Equipment Replacement

POINT OF CONTACT	FUNDING	CURRENT CONTRACT/OEM
• MAJ Angie Worth (813) 826-2501	• FY13: PROC $11.12M O&M $7.96M • FY14: PROC $8.52M O&M $6.38M	• Multiple